

# WEST Search History for Application 10826281

Creation Date: 2010031206:55

## Prior Art Searches

| Query  | DB                                       | Op. | Plur. | Thes. | Date       |
|--|--|-----|-------|-------|------------|
| 6724335.pn.  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 02-15-2010 |
| (upward\$ same shift\$3 same frequenc\$ same (baseband or (base adj band)) same (upconvert\$3 or (up adj convert\$3) or "up-converted")).clm.                                      | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 02-15-2010 |
| (upward\$ same shift\$3 same frequenc\$ same (baseband or (base adj band)) same (upconvert\$3 or (up adj convert\$3) or "up-converted"))   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 02-15-2010 |
| (upward\$ same shift\$3 same frequenc\$ same (baseband or (base adj band)) same (upconvert\$3 or (up adj convert\$3) or "up-converted" or "up-conversion" or (up adj conversion))) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 02-15-2010 |
| upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion)  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 03-11-2010 |
| upward\$ or (up adj ward\$3) or "up-ward"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 03-11-2010 |
| shift\$3   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 03-11-2010 |
| frequenc\$   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 03-11-2010 |
| baseband or (base adj band\$)  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR  | YES   |       | 03-11-2010 |

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| television\$  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (television\$ ) same (baseband or (base adj band\$) )<br>same (frequenc\$ ) same (shift\$3 ) same (upward\$ or<br>(up adj ward\$3) or "up-ward" ) same (upconvert\$<br>or upconversion or (up adj convert\$3) or (up adj<br>conversion) )   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upward\$ or (up adj ward\$3) or "up-ward" ) with<br>shift\$3 with frequenc\$   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| dac\$1 or (digital adj3 analog) or "da converter" or<br>"d/a"   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or<br>"d/a" ) with (upconvert\$ or upconversion or (up adj<br>convert\$3) or (up adj conversion) )   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or<br>"d/a" with upconvert\$ or upconversion or (up adj<br>convert\$3) or (up adj conversion) ) with (dac\$1 or<br>(digital adj3 analog) or "da converter" or "d/a" )                    | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or<br>"d/a" with upconvert\$ or upconversion or (up adj<br>convert\$3) or (up adj conversion) ) with (upward\$<br>or (up adj ward\$3) or "up-ward" with shift\$3 with<br>frequenc\$ )    | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or<br>"d/a" with upconvert\$ or upconversion or (up adj<br>convert\$3) or (up adj conversion) ) same (upward\$<br>or (up adj ward\$3) or "up-ward" with shift\$3 with<br>frequenc\$ )    | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or<br>"d/a" ) same (upconvert\$ or upconversion or (up<br>adj convert\$3) or (up adj conversion) ) same<br>(upward\$ or (up adj ward\$3) or "up-ward" with<br>shift\$3 with frequenc\$ ) | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upward\$ or (up adj ward\$3) or "up-ward" ) same<br>shift\$3 same frequenc\$3 same (dac\$1 or (digital<br>adj3 analog) or "da converter" or "d/a" ) same<br>(upconvert\$ or upconversion or (up adj convert\$3)                            | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |

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| or (up adj conversion) )  |  |    |     |  |            |
| upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion)   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| upward\$ or (up adj ward\$3) or "up-ward"   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| shift\$3  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| frequenc\$  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| baseband or (base adj band\$)   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| television\$  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (television\$ ) same (baseband or (base adj band\$) ) same (frequenc\$ ) same (shift\$3 ) same (upward\$ or (up adj ward\$3) or "up-ward" ) same (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upward\$ or (up adj ward\$3) or "up-ward" ) with shift\$3 with frequenc\$  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| dac\$1 or (digital adj3 analog) or "da converter" or "d/a"  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) with (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) )   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
|   |  | OR | YES |  | 03-11-2010 |

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| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" with upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) with (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )                  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD |    |     |  |            |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" with upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) with (upward\$ or (up adj ward\$3) or "up-ward" with shift\$3 with frequenc\$ )     | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" with upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) same (upward\$ or (up adj ward\$3) or "up-ward" with shift\$3 with frequenc\$ )     | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) same (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) same (upward\$ or (up adj ward\$3) or "up-ward" with shift\$3 with frequenc\$ )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upward\$ or (up adj ward\$3) or "up-ward" ) same shift\$3 same frequenc\$3 same (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) same (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj3 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) ad2 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj2 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj2 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) with (shift\$3 )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj2 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) same (shift\$3 )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-11-2010 |

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| <b>341/\$.ccls.</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| <b>(341/\$.ccls. ) and (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) adj2 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-11-2010 |
| <b>upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion)</b>   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>upward\$ or (up adj ward\$3) or "up-ward"</b>   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>shift\$3</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>frequenc\$</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>baseband or (base adj band\$)</b>   | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>television\$</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>(television\$ ) same (baseband or (base adj band\$) ) same (frequenc\$ ) same (shift\$3 ) same (upward\$ or (up adj ward\$3) or "up-ward" ) same (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) )</b> | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>(upward\$ or (up adj ward\$3) or "up-ward" ) with shift\$3 with frequenc\$</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,<br>DWPI, TDBD | OR | YES |  | 03-12-2010 |
| <b>dac\$1 or (digital adj3 analog) or "da converter" or "d/a"</b>  | PGPB, USPT,<br>USOC,<br>EPAB, JPAB,               | OR | YES |  | 03-12-2010 |

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|  | DWPI, TDBD                               |    |     |  |            |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) with (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" with upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) with (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )                  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" with upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) with (upward\$ or (up adj ward\$3) or "up-ward" with shift\$3 with frequenc\$ )     | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" with upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) same (upward\$ or (up adj ward\$3) or "up-ward" with shift\$3 with frequenc\$ )     | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) same (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) same (upward\$ or (up adj ward\$3) or "up-ward" with shift\$3 with frequenc\$ )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (upward\$ or (up adj ward\$3) or "up-ward" ) same shift\$3 same frequenc\$3 same (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) same (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj3 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) ad2 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj2 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) adj2 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) with (shift\$3 )  | PGPB, USPT, USOC, EPAB, JPAB,            | OR | YES |  | 03-12-2010 |

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|  | DWPI, TDBD                               |    |     |  |            |
| (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) adj2 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) same (shift\$3 )    | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| 341/\$.ccls.   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| (341/\$.ccls. ) and (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) adj2 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| ( (upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) ) adj8 (dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) )              | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| ((upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) adj8 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) ) same (shift\$3 ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |
| ((upconvert\$ or upconversion or (up adj convert\$3) or (up adj conversion) adj8 dac\$1 or (digital adj3 analog) or "da converter" or "d/a" ) ) same (shift\$3 ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES |  | 03-12-2010 |